

Universal Multiple-Octet Coded Character Set
UCS

ISO/IEC JTC1/SC2/WG2/IRGN2365

Date: 2019-05-17

Source:	CJK editorial group
Title:	Editorial Report on Miscellaneous Issues
Meeting:	IRG#52, Hong Kong, China
Status :	To be Approved by IRG plenary
Actions required	To be followed by IRG members
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Editors from China, HKSAR, Macao SAR, R.O.Korea, SAT, TCA, USA, Unicode Consortium, UK (through proxy) and some individuals met during IRG#52. The editorial group discussed the following issues.

1. Disunifications

Reference:

- IRGN2374 TCA Disunification request
- IRGN2337 Request to disunify U+2F83Band discuss the feasibility of IVD usage
 - Feedbacks from HKSARG and TCA, TCA_R
- IRGN2338 Request to disunify 7 Additional Ideographs
 - Feedbacks from HKSAR and TCA, TCA_R

The editors decided:

- (1) Do not disunify all characters listed in IRGN2374
- (2) Separately encode some characters listed in IRGN2337 and IRGN2338, except U+2F878 𠩪 (H-8B73). Details are recorded in Appendix 1: Disunifications in IRGN2337 and IRGN2338.

2. Source Reference Changes

Reference:

- IRGN2376 China G Source Ref. update

The IRG experts are requested to feedback on IRGN2376 (3937 G sources) by IRG#53.

3. Horizontal Extensions or Revisions

Reference:

- IRGN2349 (ROK)
- IRGN2368 (HKSARG)
- IRGN2369(UTC) &Feedback by Eiso
- IRGN2379 and Evidences (China)
- IRGN2380 (UK)

The editors agreed:

(1) Move character K6-1022 in Horizontal Extension of KS X 1027-5 from U+3EAC 玊 to U+248F2玊 as request of IRGN2349.

(2) Add fonts and sources as requested in IRGN2368 (1 H character),

HKSARG and ROK were required to submit font and attribute information to UCS Project Editor by 2019-05-24

The editors were invited to feed back on IRGN2369 (150 UTC characters), IRGN2379 (16 G characters) and IRGN2380 (15 UK characters) by 2019-09-01. The 3 proposal submitters must submit responses by 2019-10-01 for discussion in IRG#53.

4. Glyph change/Errata (Editorial Report: IRGN2365)

Reference:

- IRGN2336 China Request for Glyph Change
- IRGN2370 Questionable characters in Ext. C and Ext. E, Vietnam response
- IRGN2371 Request to update glyph shape of a Kangxi Radical
- IRGN2375 TCA glyph change for BMP
- IRGN2383 Proposed solution in response to IRGN2239 and its feedback

- IRGN2348 ROK Source ref. update in Ext. F

The editors agreed:

(1) Change G font of U+23517 (IRGN2336), T fonts of U+6BD2 and U+93BF 鐸 (IRGN2375).

(2) Change the shape of Kangxi Radical Lame U+2F2A 2F2A to Kangxi style (IRGN2371)

(3) Change radicals of some characters to 肉 or 月, and some sources. Additionally, some characters are to be separately encoded. Details are recorded in Appendix 2: Radical and Other Changes in IRGN2383.

(4) Change some glyphs listed in IRGN2370 and request Vietnam considering normalizing some other V glyphs. Details are recorded in Appendix 4: Glyph Changes in IRGN2370.

(5) The editors agreed to change 2 K sources (IRGN2348).

All updated data must be submitted to IRG by 2019-05-24 for 1 week review, then the corrected data could be by individuals to UCS editor for follow up action.

TCA was investigate the shape consistency of U+6BD2 as components.

5. Urgently Needed Characters

Reference:

- IRGN2378 China UNCes

The editors accepted the proposed 12 UNCes. China and TCA were invited to propose all sources of corresponding traditional forms by 2019-05-24 for 1 week review by IRG editors, then the updated proposal could be submitted to WG2.

6. Variants in the Buddhist Scriptures of the SAT Project

Reference:

- IRGN2373 Issue of Multiple Variants in the Buddhist Scriptures of the SAT Project

- Feedback from Eiso Chan
- Feedback from Ming Fan
- Responses from SAT

The editors suggested SAT rechecking all 一切經音義 submissions and studying possibilities of using IVS for these un-encoded characters.

7. Jianzi Encoding

Reference:

- IRGN2372 A short introduction to Jianzi Musical Symbols encoding

The editors noted that Jianzi (減字) encoding is out of the scope of IRG and encouraged interested experts to feedback this document.

8. New Authoritative Dictionary

Reference:

- IRGN2341 Intro to the Variant Dictionary by the Ministry of Education

IRG appreciates the online system of the Variant Database (http://dict.variants.moe.edu.tw/variants/rbt/reference_format3_tiles.rbt?pageId=2981966). IRG also recognizes its importance as a tool for IRG work. IRG agrees to provide a link of this system in IRG website.

9. Glyph Normalization Rules

Reference:

- IRGN2377ROK Normalization V1.4

This document explains the normalization rules followed by IRG editors of ROK. IRG experts are invited to review and feedback.

10. IRG PnP (IRGN IRGN2345&feedback)

Reference:

- **IRGN2345&feedback**

IRG would to explicitly discourage the separate encoding of variant characters. The revised PnP will indicate that the use of an IVS is the appropriate mechanism for representing variants of encoded characters. This change is to affect only submissions after the 2017 working set.

IRG accepts KU (ghost K source) as new CJK source per dispositions of comments on UCS ed.5 (Korea Comment T1, IRGN2346 Summary).

During WS 2017 review, experts have questions on whether “incorrect” characters should be included in CJK. The discussion results in a suggested revision on character submission after WS 2017. The discussion result is attached as Appendix 3 for update by IRG convenor to produce IRG PnP Version 12 draft 3 for review and finalization in

IRG #53 with the following schedule:

- 2019.08.01: The IRG Convenor is requested to incorporate the revision comments to produce Draft3 IRG PnP V12 (IRG N2345) for review by IRG experts.
- 2019.09.01: Feedback by IRG experts
- 2019.10.01: Draft4 of IRG PnP V12 ready for review and finalization in IRG #53.

11. G4K Source Corrections

Reference:

- **IRGN2267R Request to Update G4K Sources and Glyphs**

The editors agreed to change 522 G4K sources.

End.

Appendix 1: Disunifications in IRGN2337 and IRGN2338

For U+2F83B(𠵑) T-source, encoded separately/ need a new code point (IRGN2337 TCAResponseRevised).

For U+53FD ^{G0-5F34} 𠵑 ^{T4-216A} 𠵑, T-source(4-216A 𠵑), encoded separately/ need a new code point (IRGN2338 TCAResponseRevised).

For U+2F878(𠵑), encoded separately/ need a new code point (IRGN2338 TCA TCAResponseRevised)

For U+2F8F0 (^{T6-4A3F} 𠵑), encoded separately/ need a new code point (IRGN2338 TCA TCAResponseRevised)

For U+2FA02(^{T6-3C77} 飢), encoded separately/ need a new code point (IRGN2338 TCA TCAResponseRevised)

Appendix 2: Radical and Other Changes in IRGN2383

For U+6721(𩚑), Change radical to 130.0 肉. (IRGN2383)

For U+6725(𩚓), Change radical to 130.0 肉. (IRGN2383)

For U+6711(𩚑), Change radical to 130.0 肉. (IRGN2383)

For U+26657(𩚓), Change radical to 74.0 月. (IRGN2383)


For U+2B1C3(𩚓), Change radical to 74.0 月. (IRGN2383)

For U+671C(𩚓), Modify T-glyph to 「𩚓」 (IRGN2383)


For U+2F8D7(𩚓_{T5-264A}), (IRGN2383)

1. encoded separately/ need a new code point
2. Change radical to 74.0 月.

For U+440B T-source, (IRGN2383)

1. T-glyph change to  T5-3B50
2. T-source change to T5-3B50

For U+2F984, (IRGN2383)

1. encoded separately/ need a new code point
2. T-glyph change to  T6-497E
3. T-source change to T6-497E
4. the radical should be 74.0月.

For U+2F8DA(𩚓_{T5-3F66}), (IRGN2383)

1. encoded separately/ need a new code point

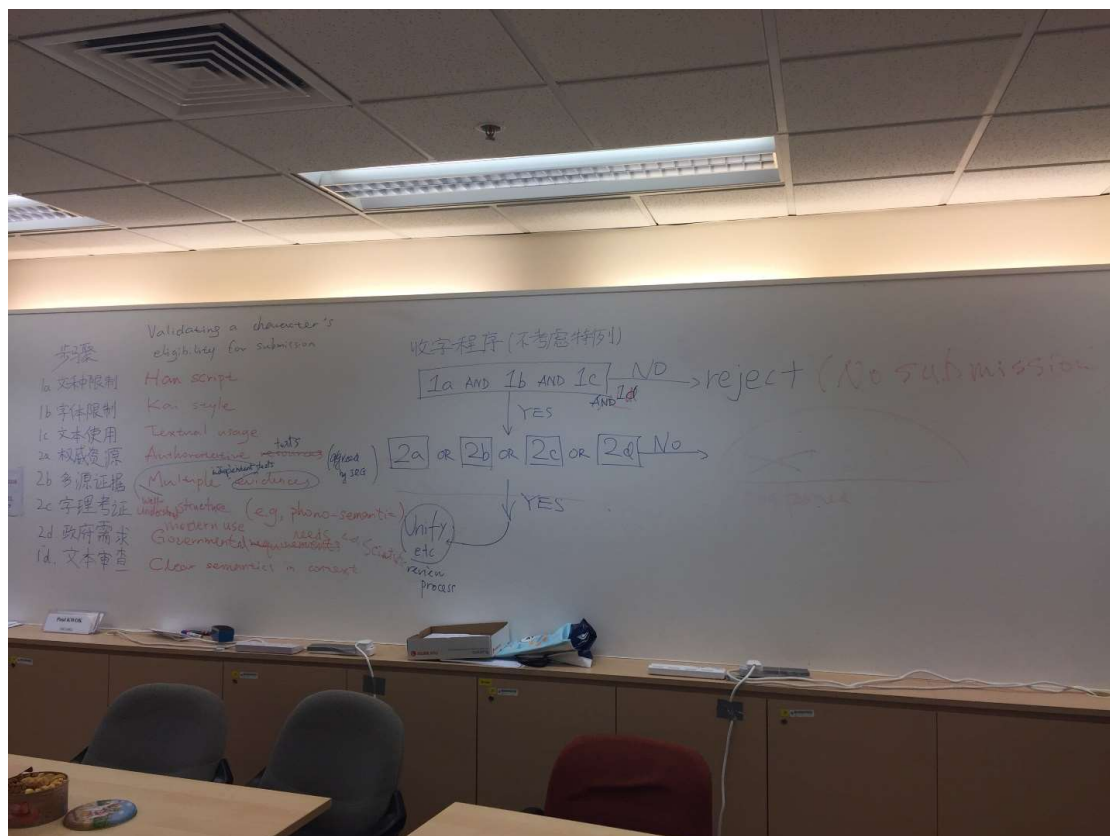
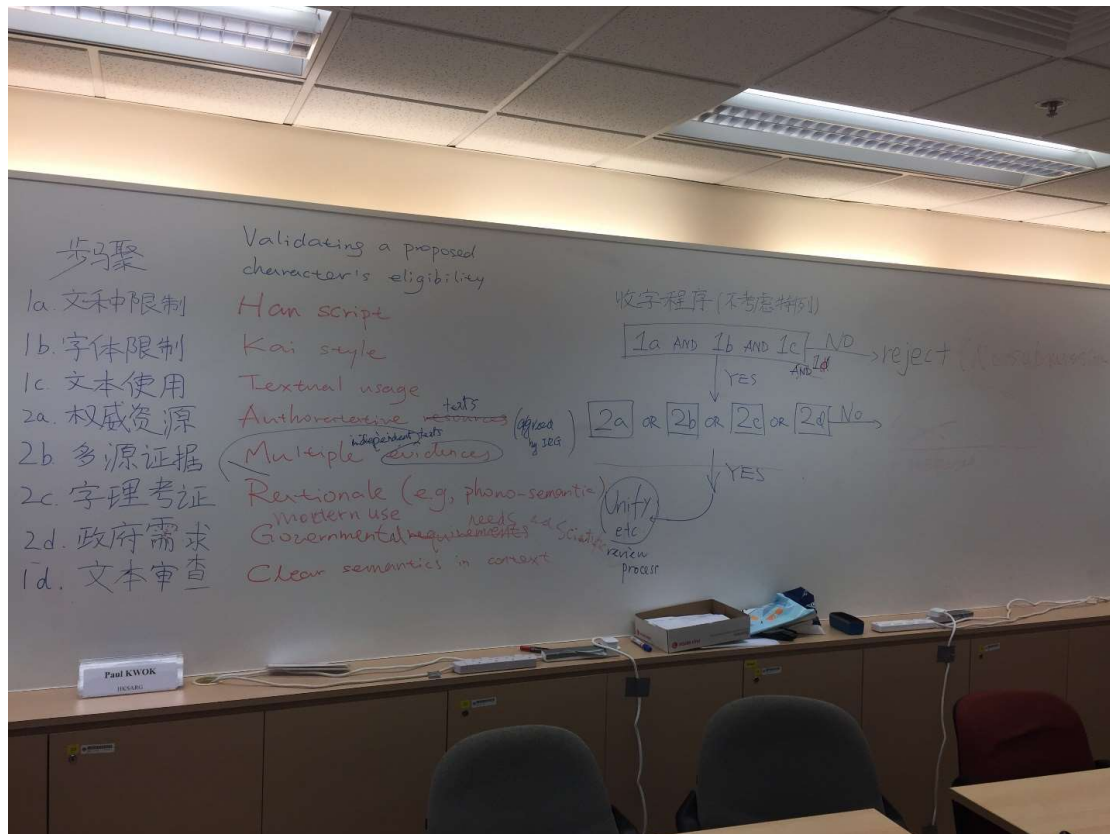
2. Change radical to 74.0 月.

膈

For U+2F8D6(T6-2C23),(IRGN2383)

1. encoded separately/ need a new code point
2. Change radical to 74.0 月.

Appendix 3: PnP Revision Discussion



Appendix 4: Glyph Changes in IRGN2370

U+2B83C V4-4038 Vietnam agreed to disunify and modify the glyph.

U+2B96F V4-4229 Vietnam will update the glyph.

U+2BBD7 V4-4533 Vietnam will update the glyph.

U+2C0B8 V4-4645 Vietnam will update the glyph.

U+2BD61 V4-4664 Vietnam will update the glyph.

U+2BE4A V4-477E Vietnam will update the glyph.

U+2BEBC V4-483C Keep V4-483C under U+2BEBC, do the horizontal extension to U+6146.

U+2BF9D V4-4971 Vietnam will update the glyph.

U+2C142 V4-4B60 Vietnam will update the glyph.

U+2C3FB V4-4E61 Vietnam will update the glyph.

U+2C402 V4-4E65 Vietnam will update the glyph.

U+2C316 V4-5354 Vietnam will update the glyph.

U+2C82C V4-5372 Vietnam will move V4-5372 to U+87CE.

U+2C83A V4-5378 Vietnam will update the glyph.

U+2C862 V4-542D Keep V4-542D under U+2C862, do the horizontal extension to U+8956.

U+2CC88 V4-572F Vietnam will update the glyph.

U+2B8D9 V4-4135 Vietnam will update the glyph.

U+2B8DA V4-4136 Vietnam will update the glyph.

U+2B1E5 V4-526A Vietnam will update the glyph, and IRG suggested TCA doing the horizontal extension for U+2B1E5.

U+2C9A1 V4-5467 Vietnam will update the glyph.

Vietnam considers normalizing the V glyphs for U+2025D, U+22A80, U+24F57, U+29D7F, U+29E8B, U+262E6, U+2A854, U+2A8F0, U+2B8B1, U+2B967, U+2C3B7, U+2C3D8, U+2C5E2, U+2A01A, U+2B850, U+2B854, U+2BD9C.